

# **APPLICATION FOR FUNDING FISCAL YEAR 2016**

## **Carl D. Perkins Career and Technical Education Improvement Act of 2006**

Competitive Funds for Programs Leading to  
Nontraditional Training and Employment

July 1, 2015 – June 30, 2016

Nevada Department of Education  
Office of Career Readiness, Adult Learning & Education Options  
755 North Roop Street, Suite 201  
Carson City, NV 89701  
(775) 687-7300

## Table of Contents

<b>I. General Information and Requirements</b>	
A. Purpose of Funding .....	1
B. Eligible Recipients.....	1
C. Program Requirements .....	1
D. Amount of Funding Available .....	2
<b>II. Application Directions for Competitive Funds</b>	
A. Application Cover Page .....	3
B. Assurances .....	3
C. Certifications .....	3
D. Budget Summary and Budget Detail .....	3
E. Budget Narrative .....	3
F. Form A: General Application Narrative .....	3
G. Form B: Project Narrative .....	3
H. Form C: Demonstration of Collaboration.....	4
I. Form D: Description of Student Outcomes .....	4
J. Form E: Demonstration of Sustainability .....	4
K. Form F: Evaluation Methods .....	4
<b>III. Submitting the Application</b>	
A. Application Package .....	4
B. Mailing Address .....	5
C. Application Deadline .....	5
D. Information .....	5
<b>IV. Review and Approval Procedures</b>	
A. Application Review Procedures .....	6
B. Criteria for Application Review and Approval.....	6
C. Complaint and Appeal Procedures .....	6
<b>IV. Appendices</b> .....	7
A. Career and Technical Programs Leading to Nontraditional Training and Employment	
B. Application Cover Page	
C. Assurances	
D. Certifications	
C. Budget Summary	
D. Budget Detail	
E. Budget Narrative	
F. Form A: General Application Narrative	
G. Form B: Project Narrative	
H. Form C: Demonstration of Collaboration	
I. Form D: Description of Student Outcomes	
J. Form E: Demonstration of Sustainability	
K. Form F: Evaluation Methods and Measures	
L. Criteria for Review of Applications	

# **APPLICATION FOR FUNDING - COMPETITIVE FUNDS PROGRAMS LEADING TO NONTRADITIONAL TRAINING AND EMPLOYMENT**

## **I. General Information and Requirements**

### **A. Purpose of Funding**

The purpose of these competitive funds is to increase the numbers of female students enrolled in programs leading to training and employment in careers designated as nontraditional. The priority of this application is to focus on STEM (science, technology, engineering, and math) careers.

Although there is not a universal definition of STEM, according to the Bureau of Labor Statistics, “STEM workers use their knowledge of science, technology, engineering, or math to try to understand how the world works and to solve problems. Their work often involves the use of computers and other tools.” (*Occupational Outlook Quarterly, Spring 2014*). According to the report *The Hidden STEM Economy*, half of all STEM jobs are available to workers without a four-year degree.

The Census Bureau occupation code list contains 63 STEM occupations and, according to the 2011 American Community Survey, 50 percent and 32 percent of STEM workers were employed in computer occupations and engineering occupations respectively.

The U.S. Census Bureau also reported in 2011 that although females made up over 47 percent of the workforce, only 27 percent were employed in STEM fields.

Following some key recommendations in the report *Cracking the Code on STEM – A People Strategy for Nevada’s Economy*, the priority of these competitive funds is to drive increases in female employment in **Information Technology occupations**.

### **B. Eligible Recipients**

Eligible recipients include secondary districts, charter schools, and postsecondary education agencies. Any recipient must meet the reporting requirements under the Carl D. Perkins Act.

### **C. Program Requirements**

Funds will be awarded on a competitive basis for programs and services that lead to nontraditional training and employment in careers in Information Technology. Grantees will develop and implement projects that will have a statewide impact to increase female enrollments in programs preparing students for careers in high-demand information technology fields.

According to the Brookings Metropolitan Policy Program, Brookings Mountain West, primary information technology occupations in Nevada include the following:

- Software Developers, Applications
- Computer Occupations, All Other
- Computer User Support Specialists
- Computer Systems Analysts
- Database Administrators
- Network and Computer Systems Administrators

To support nontraditional participation and completion in programs preparing students for the information technology occupations listed above, funds may be used for the following purposes, among others:

- IT program development that includes strategies and plans to recruit female students
- Professional development for faculty, counselors, administrators, and others
- Mentoring programs for female students enrolled in information technology programs
- Marketing and outreach efforts for program promotion
- Development and expansion of programs leading to industry certifications and postsecondary credentials in information technology
- Job shadowing, internships, and other workplace learning strategies
- Business and industry partnerships for program promotion, work-based learning initiatives, and mentorships

Applicants must document enrollment and program completion targets to demonstrate growth.

**Note:** Nontraditional employment is defined as occupations or fields of work for which individuals from one gender comprise less than 25 percent of the individuals employed in each such occupations or fields of work. A list of programs in Nevada identifying nontraditional careers is included in the appendices as a reference.

#### **D. Amount of Funding Available**

Funding in the amount **\$46,724** is available for competitive grant applications.

## **II. Application Directions for Competitive Funds**

These application guidelines must be followed by agencies applying for **competitive funds**. Applications will be approved based on the clarity of the narrative describing the overall strategy, expected outcomes and description of proposed expenditures. Agencies will submit one application describing how funds will be used to support the purposes described in these guidelines.

**Each application must include the following components provided in the following order:**

- (1) Application Cover Page:** Use the required cover page as the first page of the application and include all requested information and signatures.
- (2) Assurances:** The applicant must sign the assurances page provided in the appendix.
- (3) Certifications:** The applicant must sign the certifications pages provided in the appendix.
- (4) Budget Summary and Budget Detail:** Complete and sign the budget summary and complete the budget detail. All proposed items of value and equipment must be itemized on the budget detail and include the proposed location(s). Out-of-state travel must be itemized (name of conference(s)) with the anticipated number of attendees.
- (5) Budget Narrative:** Provide a budget narrative describing expenditures by budget category. For example, if funds are budgeted for supplies for a selected program, describe what the supplies are and how they will be used to develop or expand the program. **Staffing:** Describe the number of staff devoted to the project and their professional preparation. The sub-grant recipient must identify the full-time equivalency (FTE) of each position supported with funding. If a salary is paid partly from the grant and partly from another fund source, describe how the time allocated for cost objectives paid by state funds will be accounted for (i.e., personnel activity report or time log). Include a sample activity log if necessary.
- (6) Form A: General Application Narrative (2 pages):** Describe in narrative form the following:
  - a) A description of how performance indicator results and accountability data are used to target resources at local site and program levels;
  - b) Services to students who enroll in career and technical education programs and courses that lead to nontraditional training and employment;
  - c) Strategies for improving recruitment, enrollments, and retention in programs leading to nontraditional training and employment in the area of information technology.
- (7) Form B: Project Narrative:** Each application must include a description of the proposed funding purpose(s) and supporting project(s) using the format provided in the appendix. More than one project may be submitted for a funding priority or project. Complete one Funding Purpose and Project Narrative for each primary project. The description must be thorough enough for the review committee to clearly understand what is being proposed and include the following: (1) Identify the funding purpose; (2) State the project name; (3) State proposed funding amount; (4) Complete a narrative (up to two pages) to include a clear description of the proposal; (5) List the objectives and proposed outcomes; (6) List a timeline for completion.

**Note:** The narrative section may be up to two pages in length. This page limit does not include the space needed for other portions, such as objectives and timelines.

- (8) **Form C: Demonstration of Collaboration (one page):** Describe how the applicant ensured proper collaboration in the local development and approval of this application. The description should include how teachers, administrators, and the local advisory committee(s), and others were involved in and committed to developing a quality application. The description must also include how the applicant collaborates with local and regional economic- and workforce-development agencies and organizations to support economic development priorities and initiatives.
- (9) **Form D: Description of Student Outcomes (one page):** Describe how the purpose and goals of the application are designed to support improved student outcomes, especially as they relate to nontraditional training and employment. Describe baseline data (if applicable) and specific outcome targets for recruitment, enrollments, and retention of females in programs leading to nontraditional training and employment in the area of information technology.
- (10) **Form E: Demonstration of Sustainability (one page):** Describe the agency's plan for continued sustainability of the proposed project and any CTE programs affected by this application.
- (11) **Form F: Evaluation Methods (one page):** Describe how the agency will evaluate and measure the success and outcomes of the objectives in this application. Include metrics and timeline for the completion of the evaluation.

### III. Submitting the Application

- (1) **Application Package**
  - a. Submit one application with a complete set of original signatures and two additional copies. The application must be approved by the designated authority in the school district or charter school.
  - b. The application must be submitted in the order and format provided in these application guidelines. (1) Cover Page; (2) Assurances; (3) Certifications; (4) Budget Summary; (5) Budget Detail; (6) Budget Narrative; (7) Provide the following for each project: Form A (General Application Narrative); Form B (Funding Purpose and Project Narrative); Form C (Demonstration of Collaboration); Form D (Description of Student Outcomes); Form E (Demonstration of Sustainability); and Form F (Evaluation Methods).
  - c. Items requiring signature are the **Application Cover Sheet, Assurances, Certifications, and Budget Summary Form.**

- d. The application must be **single-sided, paginated, and stapled or clipped** in the upper left-hand corner. Pages must be **standard 8 1/2" x 11" white paper**. The font and font size must be **Times 12** with **single-spaced** typing.

**(2) Mailing Address**

Mail the original and copies to: Michael Raponi, Director  
Office of Career Readiness, Adult Learning & Education Options  
Nevada Department of Education  
755 N. Roop Street, Suite 201  
Carson City, NV 89701

**(3) Application Deadline**

The application must be received by **5:00 p.m. on May 29, 2015** to be eligible for funding.  
(Note: Electronically submitted copies will not be accepted).

**(4) Information**

For additional information, contact the Office of Career Readiness, Adult Learning & Education Options at (775) 687-7300.

## **IV. Review and Approval Procedures**

### **A. Application Review Procedures**

Applications will be reviewed by a competitive grant review committee to assure compliance with state and federal requirements, and to ensure that all information required by the Application for Funding is adequately addressed by the applicant.

### **B. Criteria for Application Review and Approval**

The review process will ensure that a common criterion is used that is based on the guidelines set forth in this Application for Funding. Furthermore, the Department of Education will provide each applicant with the criteria from which approval of the application will be determined. The criteria will be based on the requirements of the Act and the Nevada State Plan.

### **C. Complaint and Appeal Procedures**

In the event an agency is dissatisfied with any decision, such as requests for modifications or application, the eligible agency may submit a written complaint to the Director of Career Readiness, Adult Learning & Education Options. The complaint must be submitted within thirty (30) days of the date the agency received notification of the department action. Upon receipt of the letter of complaint, the director will review the complaint and will provide comment to the agency within thirty (30) days. The action taken by the director, which includes a review conducted by state staff, shall be deemed final. Such action will be transmitted to the agency in writing.

Upon receipt of written notification of the action of the Director of Career Readiness, Adult Learning & Education Options, an agency may decide to appeal the action to the State Superintendent of Public Instruction. A written request for an appeal hearing may be made in writing to the superintendent within thirty (30) days of the agency's receipt of written notification of the action taken by the director. An administrative hearing of the appeal will be conducted within ninety (90) days from the receipt of the written request. The agency will be notified of the date and time of the hearing thirty (30) days prior to the hearing date. A written record of the hearing and a written response describing the decisions and actions of the superintendent will be provided to the agency. The written record and responses will be transmitted to the agency within fifteen (15) days after the hearing date.

Within twenty (20) calendar days following the receipt of the department's written decision on the complaint/appeal, the agency may file a notice of the appeal with the Secretary of the United States Department of Education for final resolution. Such appeal shall be in writing and shall specify the particular points of disagreement with the decision as rendered by the Nevada Department of Education.



# **Appendices**

**[The application contents must be submitted in the following order:]**

- ☐ **Application Cover Page**
- ☐ **Assurances**
- ☐ **Certifications**
- ☐ **Budget Summary**
- ☐ **Budget Detail**
- ☐ **Form A: General Application Narrative**
- ☐ **Form B: Project Narrative**
- ☐ **Form C: Demonstration of Collaboration**
- ☐ **Form D: Description of Student Outcomes**
- ☐ **Form E: Demonstration of Sustainability**
- ☐ **Form F: Evaluation Methods and Measures**
  
- **Criteria for Review of Applications**
- **Nontraditional Subject Areas FY16**
- **Resources**

**CARL D. PERKINS CAREER AND TECHNICAL EDUCATION ACT OF 2006  
NONTRADITIONAL TRAINING AND EMPLOYMENT**

**APPLICATION COVER SHEET**

**THIS APPLICATION IS SUBMITTED FOR PROGRAM YEAR  
JULY 1, 2015 THROUGH JUNE 30, 2016**

**Agency:** \_\_\_\_\_

**Application Director:** \_\_\_\_\_  
(Name, position and telephone number)  
\_\_\_\_\_  
(Email address)

**Fiscal Manager:** \_\_\_\_\_  
(Name, position and telephone number)  
\_\_\_\_\_  
(Email address)

**Monitoring  
Coordinator:** \_\_\_\_\_  
(Name, position and telephone number)  
\_\_\_\_\_  
(Email address)

**Evaluation  
Coordinator:** \_\_\_\_\_  
(Name, position and telephone number)  
\_\_\_\_\_  
(Email address)

**Accountability  
Reporting  
Coordinator:** \_\_\_\_\_  
(Name, position and telephone number)  
\_\_\_\_\_  
(Email address)

**\*Advisory Technical  
Skills Committee:** \_\_\_\_\_  
(Signature of committee chair) (Date)  
\_\_\_\_\_  
(Print name of chair, organization and title)

**Application  
Submitted By:** \_\_\_\_\_  
(Signature of authorized representative) (Date)  
\_\_\_\_\_  
(Print name organization and title)

*\* The review and endorsement by the Advisory Technical Skills Committee is recommended.*

# ASSURANCES

## General

1. Programs, services and activities included in this application will be operated in accordance with the provisions of the Carl D. Perkins Career and Technical Education Improvement Act of 2006, as amended, and regulations pertaining thereto, the provisions of the Nevada State Five Year Plan for the Carl D. Perkins Act of 2006, effective July 1, 2008 to June 30, 2013, and any revisions approved thereafter, Department regulations, policies and procedures as promulgated by the State Board of Education/State Board for Career and Technical Education and its staff, including submission of such reports as may be required for effective administration of programs.
2. The local educational agency will assure that no funds received under this Act may be used to provide occupational education programs to students prior to the seventh grade, except that equipment and facilities purchased with funds under this Act may be used for such students.
3. The local educational agency will assure that no funds made available under this Act will be used to require any secondary school student to choose or pursue a specific career path or major.
4. The local educational agency will assure that no funds made available under this Act will be used to mandate that any individual participate in an occupational education program including an occupational education program that requires the attainment of a federally funded skill level, standard, or certificate of mastery.
5. The local educational agency will assure that all funds made available under this Act will be used in accordance with this Act.
6. The local educational agency will assure that all funds made available under this Act shall not be used to provide funding under the School-to-Work Opportunities Act of 1994 (20 U.S.C. 6101 et seq.) or to carry out, through programs funded under this Act, activities that were funded under the School-to-Work Opportunities Act of 1994, unless the programs funded under this Act serve only those participants eligible to participate in the programs under this Act.

## Grants Management and Accountability

7. The local educational agency will assure compliance with the requirements of Title I and the provisions of the transition plan, including the provisions of a financial audit of funds received under this title which may be included as part of an audit of other federal or local educational agency programs.
8. The local educational agency will assure that none of the funds expended under Title I will be used to acquire equipment (including computer software) in any instance in which such acquisition results in a direct financial benefit to any organization representing the interests of the purchasing entity, the employees of the purchasing entity, or any affiliate of such an organization.
9. The local education agency will assure that maintenance of fiscal effort on either a per-student or aggregate expenditure basis is required.
10. Federal funds made available under the provisions of the Nevada State Five Year Plan will be used to supplement, and to the extent practicable, increase the amount of state and local funds that would, in the absence of such federal funds, be made available for the uses specified in PL 105-332, as amended, and in no case supplant such state or local funds.
11. The local education agency will assure that funds made available under this Act for career and technical education activities will supplement, and shall not supplant, non-federal funds expended to carry out occupational education activities and tech-prep activities.
12. Funds will be used as stipulated in the Nevada State Five Year Plan and supporting documents for expenditures will be maintained for audit. Funds will not be commingled with other state and local funds and will be accounted for in a manner which will prevent loss of their identity as funds supporting specific career and technical education goals.
13. Effective and separate accounting procedures of the recipient will be employed to assure that funds from federal sources will not be commingled with state or local funds, but will be separately identified as expenditures of federal funds.

14. Fiscal control and funds accounting procedures shall be established as deemed necessary to assure proper disbursement of and accounting for federal and state funds paid to a recipient for programs and projects.
15. The fiscal and statistical records are subject to and upon request will be made available for audit by the federal government and the State of Nevada to determine whether the recipient has properly accounted for funds expended for occupational education and services.
16. Records will be kept which fully disclose the amount and disposition of federal and state funds allocated, as well as the total expenditures of funds for occupational education programs and services supplied by funds from other sources.
17. The local education agency will assure that no funds provided under this Act shall be used for the purpose of directly providing incentives or inducements to an employer to relocate a business enterprise from one local educational agency to another local educational agency if such relocation will result in a reduction in the number of jobs available in the local educational agency where the business enterprise is located before such incentives or inducements are offered.

## Personnel

18. School district occupational instructors, counselors, supervisors, and other professional personnel involved in occupational education who participate in projects funded under P.L. 105-332 will be licensed in accordance with current Rules and Regulations established by the Commission on Professional Standards in Education.

## Data Management

19. All eligible recipients participating in federal and/or state funds available, will participate in, maintain, and utilize a performance accountability system in the reporting of all career and technical education programs in the Nevada Department of Education State Accountability Information Network (SAIN); provide data required for reporting the performance measures designated by the State's performance indicators; and assure that staff involved in the accountability system receive the training necessary to maintain a quality system.
20. All eligible recipients will provide sufficient information to the State to enable the State to comply with the requirements of allocating funds to area career and technical schools and intermediate educational agencies.

## Evaluation

21. Participating agencies will cooperate with and implement the performance indicators and levels of performance developed by the State Accountability Task Force and accepted by the Department of Education.
22. An assurance that the applicant will comply with reporting procedures required by the Nevada Department of Education, which will assess the progress of its career and technical education programs and will include a review of outcomes related to the approved performance indicators.
23. An assurance that the evaluation and review of programs will include the full participation of representatives of individuals who are members of special populations. This review shall be used to identify and adopt strategies to overcome any barriers which are resulting in lower rates of access to career and technical education programs or success in such programs for individuals who are members of special populations and to evaluate the progress of individuals who are members of special populations in career and technical education programs assisted under this Act.
24. An assurance that the eligible recipient will comply with the Department of Education's requirements for state monitoring.

## Local Program Improvement Plan

25. An assurance that if the applicant determines they are not making substantial progress in meeting the performance indicators approved by the State Board, the recipient of funds will develop a plan, in consultation with teachers, parents, and students concerned, for program improvement for the succeeding school year. The plan will describe how the recipient will identify and modify programs and will include a description of career and technical education and career development strategies designed to achieve progress to improve the effectiveness of the programs conducted with assistance under this Act, and will, if necessary, develop a description of strategies designed to improve supplementary services provided to individuals who are members of special populations.

## Coordination

26. An assurance that the requirements of this Act relating to individuals who are members of special populations will be carried out under the general supervision of individuals at the Department of Education who are responsible for students who are members of special populations and will meet education standards of the State Board. With respect to students with handicaps, the supervision carried out shall be consistent with, and in conjunction with, supervision described under section 612(6) of the Individuals with Disabilities Education Act (IDEA).
27. The local educational agency will assure that funds made available under this Act may be used to pay for the costs of career and technical education services required in an individualized education plan developed pursuant to Section 614(d) of the Individuals with Disabilities Education Act and services necessary to the requirements of Section 504 of the Rehabilitation Act of 1973 with respect to ensuring equal access to career and technical education.
28. The local educational agency will assure that the portion of any student financial assistance received under this Act that is made available for attendance costs described in subsection [Section 324(b)] shall not be considered as income or resources in determining eligibility for assistance under any other program funded in whole or in part with federal funds.

## Special Needs--Equity--Civil Rights Provisions

29. Career and technical education programs/services covered by this application shall be in compliance with Title IX (Non-discrimination on the basis of sex) of the Education Amendments of 1972.
30. Career and technical education programs/services covered by this application shall be in compliance with Title VI and VII of the Civil Rights Act of 1964 as amended by the Equal Opportunity Act of 1972 and the Civil Rights Restoration Act of 1988, and the Methods of Administration for Civil Rights as required under 34 Code of Federal regulations regarding Part 100, Appendix B.
31. Program/services for disabled persons enrolled in career and technical education covered by this application shall be in compliance with the Individuals with Disabilities Education Act (IDEA) and Section 504, of the Rehabilitation Act of 1973.
32. Career and technical education programs and activities for individuals with disabilities will be provided in the least restrictive environment in accordance with section 612(5)(B) of the IDEA and will, whenever appropriate, be included as a component of the individualized education program developed under section 614(a)(5) of the same Act.
33. Students with disabilities who have individualized education programs developed under section 614(a)(5) of the IDEA shall, with respect to occupational education programs, be afforded the rights and protections guaranteed such students under section 612, 614, and 615 of the same Act.
34. Students with disabilities who do not have individualized education programs developed under section 614(a)(5) of the IDEA or who are not eligible to have such programs shall, with respect to occupational education programs, be afforded the rights and protections guaranteed such students under section 504 of the Rehabilitation Act of 1973 and, for the purpose of this Act, such rights and protections shall include making occupational education programs readily accessible to eligible individuals with disabilities through the provision of services described in number 13, above.
35. To the extent that occupational education is available to all students within a school district or postsecondary institution, training and occupational education activities will be provided to men and women who desire to enter occupations that are not traditionally associated with their sex.
36. An assurance to assist students who are members of special populations to enter occupational education programs, and with respect to students with disabilities, assist in fulfilling the transitional service requirements of section 620 of the IDEA.
37. An assurance to assess the special needs of students participating in projects receiving assistance under the Basic Grant with respect to their successful completion of the career and technical education program in the most integrated setting possible.

38. Provide guidance, counseling, and career development activities conducted by professionally trained counselors and teachers who are associated with the provision of special services.
39. Provide counseling and instructional services designed to facilitate the transition from school to post-school employment and career opportunities.
40. An assurance that career and technical programs will be provided that: encourage students through counseling to pursue coherent sequences of the course; assist special population students to succeed through supportive services such as counseling, English-language instruction, child care, and special aids; and are of a size, scope, and quality as to bring about improvement in the quality of education offered by the school.

### Parent/Student Involvement and Appeal

41. An expedited appeals procedure is established by which parents, students, teachers, and area residents concerned will be able to directly participate in state and local decisions that influence the character of programs under this Act affecting their interests; and technical assistance will be designed and provided to ensure that such individuals are given access to the information needed to use these procedures and will be notified regarding the procedure regarding complaints/appeals upon request.

### State Requirements

42. The provision for advisory committees, tech prep committees, program articulation, rural participation, and career guidance and counseling, as described in the State Five Year Plan will be fully implemented, as required.
43. The agency implements the requirements for advisory committees according to NRS 388.385 and NAC 389.810.
44. The secondary education agency implements the requirements for career guidance and counseling according to NRS 389.180 and NAC 389.187.
45. The secondary education agency implements career and technical education programs of study according to NAC 389.800, 389.803, 389.805, 389.810, and 389.815.
46. The agency provides program articulation, rural participation, and academic integration according to the State Plan for Career and Technical Education.

---

(Printed Name and Title of Authorized Representative)

---

(Signature)

---

(Date)

## **CERTIFICATIONS REGARDING LOBBYING; DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS; AND DRUG-FREE WORKPLACE REQUIREMENTS**

Applicants should refer to the regulations cited below to determine the certification to which they are required to attest. Applicants should also review the instructions for certification included in the regulations before completing this form. Signature of this form provides for compliance with certification requirements under 34 CFR Part 82, "New Restrictions on Lobbying," and 34 CFR Part 85, "Government-wide Debarment and Suspension (Non procurement) and Government-wide Requirements for Drug-Free Workplace (Grants)." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Education determines to award the covered transaction, grant, or cooperative agreement.

### **1. LOBBYING**

As required by Section 1352, Title 31 of the U. S. Code, and implemented at 34 CFR Part 82, for persons entering into a grant or cooperative agreement over \$100,000, as defined at 34 CFR Part 82, Sections 82.105 and 82.110, the applicant certifies that:

(a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the making of any Federal grant, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal grant or cooperative agreement;

(b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal grant or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions;

(c) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subgrants, contracts under grants and cooperative agreements, and subcontracts) and that all subrecipients shall certify and disclose accordingly.

### **2. DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS**

As required by Executive Order 12549, Debarment and Suspension, and implemented at 34 CFR Part 85, for prospective participants in primary covered transaction, as defined at 34 CFR Part 85, Sections 85.105 and 85.110 -

A. The applicant certifies that it and its principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal debarment or agency;

(b) Have not within a three-year period preceding this application been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and

(d) Have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause or default; and

B. Where the applicant is unable to certify to any of the statements in this certification, he or she shall attach an explanation to this application.

### **3. DRUG-FREE WORKPLACE (GRANTEES OTHER THAN INDIVIDUALS)**

As required by the Drug-Free Workplace Act of 1988, and implemented at 34 CFR Part 85, Subpart F, for grantees, as defined at 34 CFR Part 85, Sections 85.605 and 85.610 -

A. The applicant certifies that it will or will continue to provide a drug-free workplace by:

(a) Publishing a statement notifying employees that the unlawful manufacture distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;

(b) Establishing an on-going drug-free awareness program to inform employees about -

(1) The dangers of drug abuse in the workplace;

(2) The grantee's policy of maintaining a drug-free workplace;

(3) Any available drug counseling, rehabilitation, and employee assistance programs; and

(4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.

(c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);

(d) Notify the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will -

(1) Abide by the terms of the statement; and

(2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;

(e) Notifying the agency, in writing, within 10 calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to: Director, Grants and Contracts Service, U. S. Department of Education, 400 Maryland Avenue, S. W. (Room 33124, GSA Regional Office Building No. 3), Washington, D. C. 20202-4571. Notice shall include the identification number(s) of each affected grant;

(f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted -

(1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or

(2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;

(g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a), (b), (c), (d), (e), and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (street address, city, county, state, zip code)

---

---

---

check ☐ if there are workplaces on file that are not identified here.

---

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above certifications.

<b>NAME OF APPLICANT</b>	<b>PR/AWARD NUMBER AND/OR PROJECT NAME</b>
<b>PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE</b>	
<b>SIGNATURE</b>	<b>DATE</b>

ED 80-0013, 6/90 (Replaces ED80-008, 12/89; ED Form GCS-008, (REV. 12/88); ED 80-0010, 5/90; and ED 80-0011, 5/90, which are obsolete)

**DRUG-FREE WORKPLACE  
(GRANTEES WHO ARE INDIVIDUALS)**

As required by the Drug-Free Workplace Act of 1988, and implemented at 34 CFR Part 85, Subpart F, for grantees, as defined at 34 CFR Part 85, Sections 85.605 and 85.610 -

A. As a condition of the grant, I certify that I will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant; and

b. If convicted of a criminal drug offense resulting from a violation occurring during the conducting of any grant activity, I will report the conviction, in writing, within 10 calendar days of the conviction, to: Director, Grants and Contracts Service, U. S. Department of Education, 400 Maryland Avenue, S. W. (Room 3124, GSA Regional Office Building No. 3), Washington, D. C. 20202-4571. Notice shall include the identification number(s) of each affected grant.



---

## CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION -- LOWER TIER COVERED TRANSACTIONS

---

This certification is required by the Department of Education regulations implementing Executive Order 12549, Debarment and Suspension, 34 CFR Part 85, for all lower tier transactions meeting the threshold and tier requirements stated at Section 85.110.

### Instructions for Certification

1. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Department, Suspension, Ineligibility, and Voluntary Exclusion - Lower Tier Covered Transactions," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Non procurement List.
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

---

### Certification

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

<b>NAME OF APPLICANT</b>	<b>PR/AWARD NUMBER AND/OR PROJECT NAME</b>
<b>PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE</b>	
<b>SIGNATURE</b>	<b>DATE</b>

ED 80-0014, 9/90 (Replaces GCS-009 (REV. 12/88), which is obsolete

## Budget/Expenditure Summary

Agency: \_\_\_\_\_ Project Number: \_\_\_\_\_

Project Name: \_\_\_\_\_ Fiscal Year: \_\_\_\_\_

Check One:                      Budget \_\_\_\_\_ Amendment \_\_\_\_\_ Number \_\_\_\_\_

OBJECT	DESCRIPTION	INSTRUCTION COST	SUPPORT SERVICES	TOTAL
100	100 Salaries			
200	200 Benefits			
300	300 Purchased Professional Services			
400	400 Purchased Property Services			
500	510 Student Transportation Services			
	580 Staff Travel			
	Other (520, 530, 540, 550, 560, 570, 590)			
	<b>Total</b>			
600	610 General Supplies (exclude 612 in 610 total)			
	612 Non Information Technology Items of Higher Value*			
	640 Books and Periodicals			
	650 Supplies – Information Technology Related (exclude 651 and 652 in 650 total)			
	651 Software			
	652 Information Technology Items of Higher Value*			
	Other (620, 630)			
	<b>Total</b>			
800	810 Dues and Fees			
	890 Other Miscellaneous			
	<b>Total</b>			
<b>SUBTOTAL 100 – 600 &amp; 800</b>				\$
Approved Indirect Costs Rate:** _____ %				\$
700	730 Equipment			
<b>TOTAL</b>				\$

\* All items of value must be itemized in the budget detail

\*\* Indirect cost rates must be approved by the Department of Education before the sub-grantee may budget for and charge those costs to the grant.

\_\_\_\_\_  
Signature of Authorized Agency Representative

\_\_\_\_\_  
Date

**Department of Education Use Only**

\_\_\_\_\_  
Initial

\_\_\_\_\_  
Date Approved

### Budget Detail

Agency \_\_\_\_\_

Project Name \_\_\_\_\_

A	B	C	D	E	F
OBJECT CODE	TITLE OF POSITION/ PURPOSE OF ITEM	PROJECT TIME (FTE)	QUANTITY	SALARY, RENTAL OR UNIT COST	BUDGETED AMOUNT

\*If additional space is needed, duplicate this page and number the additional pages. All items must be explained in specific terms. All items must be named and must be directly related and necessary to the operation of the program.

## Budget Narrative

Provide a description of proposed expenses by object code. Expand/create additional pages as needed.

<b>Object Code 100/200</b> Salaries & Benefits    Total: \$ _____
Description:
<b>Object Code 300</b> Purchased Professional Services    Total: \$ _____
Description:
<b>Object Code 500</b> Transportation Services, Staff Travel    Total: \$ _____
Description:
<b>Object Code 600</b> Supplies    Total: \$ _____
Description:
<b>Object Code 800</b> Dues and Fees/ Other Misc.    Total: \$ _____
Description:
<b>Object Code 700</b> Equipment    Total: \$ _____
Description:

## **Form A: General Application Narrative**

Describe in narrative form the following: (1) A description of how performance indicator results and accountability data are used to target resources at local site and program levels; (2) Services to students who enroll in career and technical education programs and courses that lead to nontraditional training and employment; and (3) Strategies for improving recruitment, enrollments, and retention in programs leading to nontraditional training and employment in the area of information technology.

**Limit the narrative of this section to two pages.**

## Form B: Project Narrative

**Narrative Directions:** (1) Identify the funding priority(s) and program/service/project name; (2) Identify sites to be funded, if applicable; (3) Narrative (up to two pages) to include a clear description of activities and rationale for each primary program/project, and include a description of outcomes; (4) Identify objectives and expected outcomes, (5) Timeline for project completion. (**Limit the project narrative section to two pages for each primary project.**)

*\* Duplicate as necessary and provide the information on this page for each program/service/project.*

<b>Funding Priority(s):</b>
<b>Program/Service/Project Name:</b>
<b>Selected Site(s):</b>
<b>Project Narrative:</b> Describe the primary activities and how the project will support the funding priority for enrollment in and completion of programs/services leading to nontraditional training and employment in the area of information technology. Limit this narrative section to <b>two pages</b> for each proposed program/service/project.
<b>Objectives and Expected Outcomes:</b>
<b>Timeline for Completion:</b>

## **Form C: Demonstration of Collaboration**

Describe how the applicant ensured proper collaboration in the local development and approval of this application. The description should include how teachers, administrators, and the local advisory committee(s), and others were involved in and committed to developing a quality application. The description must also include how the applicant collaborates with local and regional economic- and workforce-development agencies and organizations to support economic development priorities and initiatives.

**Limit the narrative of this section to one page.**

## **Form D: Description of Student Outcomes**

Describe how the purpose and goals of the application are designed to support improved student outcomes, especially as they relate to nontraditional training and employment. Describe baseline data (if applicable) and specific outcome targets for recruitment, enrollments, and retention of females in programs leading to nontraditional training and employment in the area of information technology.

**Limit the narrative of this section to one page.**



## **Form E: Demonstration of Sustainability**

Describe the applicant's plan for continued sustainability of the proposed project supported by this application.

**Limit this section to one page.**

## **Form F: Evaluation Methods**

Describe how the agency will evaluate and measure the success and outcomes of the objectives in this application. Include metrics and a timeline by which evaluation will be completed.

**Limit this section to one page.**

# APPLICATION FOR FUNDING - COMPETITIVE FUNDS PROGRAMS LEADING TO NONTRADITIONAL TRAINING AND EMPLOYMENT

## SCORING RUBRIC

**Special Notes:** (1) Although the three items under General Application Requirements below are not scored, the application could be disqualified if the information is incomplete or not properly submitted. (2) Each project (Form B) and the related budget narrative will be scored separately.

General Application Requirements	Yes	No
<b>Organization of the Application:</b> All required elements of the application were submitted in the order prescribed and meet page length, formatting, and font requirements. The cover page, budget summary, assurances, and prioritization of projects are signed.		
<b>Budgets:</b> The budget summary and detail are accurate and clearly detail the proposed expenditures by object code, purpose, FTE, quantity, etc. The budget is reasonable with respect to the proposed objectives and outcomes of the application.		
<b>Budget Narrative:</b> The budget narrative provides sufficient detail by object code to adequately describe expenditures.		

Form A: General Application Narrative (15 Points Possible)	Inadequate (information not provided)	Minimal (requires additional clarification)	Adequate (clear and fairly complete)	Excellent (concise and thoroughly developed)
The narrative includes a description of how performance indicator results and accountability data are used to target resources.	0	1	3	5
The narrative describes services to students who enroll in programs that lead to nontraditional training and employment.	0	1	3	5
The narrative includes strategies for improving recruitment, enrollments, and retention in programs leading to nontraditional training and employment in the area of IT.	0	1	3	5

Form B: Project Narrative (20 Points Possible)	Inadequate (information not provided)	Minimal (requires additional clarification)	Adequate (clear and fairly complete)	Excellent (concise and thoroughly developed)
The project narrative fully describes the primary activities and how the project will support the funding priority for enrollment in and completion of programs/services leading to nontraditional training and employment in the area of information technology.	0	1	3	5
The project narrative provides objectives and expected outcomes.	0	1	3	5

The timeline for completion provides a plan for implementation of the project to be completed in FY16 and beyond.	0	1	3	5
The funding purpose and project narrative describe how the program will result in improved program completion rates.	0	1	3	5

<b>Form C: Demonstration of Collaboration (15 Points Possible)</b>	<b>Inadequate</b> (information not provided)	<b>Minimal</b> (requires additional clarification)	<b>Adequate</b> (clear and fairly complete)	<b>Excellent</b> (concise and thoroughly developed)
The description shows how collaboration occurred, including the involvement of teachers, administrators, and advisory committees. The description includes collaboration with economic- and workforce-development to support economic development priorities.	0	5	10	15

<b>Form D: Description of Student Outcomes (15 Points Possible)</b>	<b>Inadequate</b> (information not provided)	<b>Minimal</b> (requires additional clarification)	<b>Adequate</b> (clear and fairly complete)	<b>Excellent</b> (concise and thoroughly developed)
Describes how the purpose and goals of the application are designed to support improved student outcomes, especially as they relate to nontraditional training and employment. Provides baseline data (if applicable) and specific outcome targets for recruitment, enrollments, and retention of females in programs leading to nontraditional training and employment in the area of information technology.	0	5	10	15

<b>Form E: Demonstration of Sustainability (10 Points Possible)</b>	<b>Inadequate</b> (information not provided)	<b>Minimal</b> (requires additional clarification)	<b>Adequate</b> (clear and fairly complete)	<b>Excellent</b> (concise and thoroughly developed)
The description properly explains how continued sustainability of all proposed projects will occur.	0	4	7	10

<b>Form F: Evaluation Methods (10 Points Possible)</b>	<b>Inadequate</b> (information not provided)	<b>Minimal</b> (requires additional clarification)	<b>Adequate</b> (clear and fairly complete)	<b>Excellent</b> (concise and thoroughly developed)
The description shows how the applicant will evaluate and measure the success of the objectives, and includes the metrics and timeline to complete the evaluation.	0	4	7	10

**Total Score**

\_\_\_\_/85

*\* If necessary, this rubric may be non-substantially modified by the Department of Education prior to the scoring of applications.*

## Nontraditional Subject Areas FY16

The following is an annually revised table of secondary and postsecondary Classifications of Instructional Programs (CIP) assignments for programs leading to nontraditional careers (training and employment).

<b>Subject Area</b>	<b>CIP Code</b>	<b>Nontraditional</b>
Agriculture, General.	01.0000	Female
Agricultural Business and Management, General.	01.0101	Female
Agribusiness/Agricultural Business Operations.	01.0102	Female
Agricultural Mechanization, General.	01.0201	Female
Agricultural Power Machinery Operation.	01.0204	Female
Agricultural Mechanics and Equipment/Machine Technology.	01.0205	Female
Agricultural Mechanization, Other.	01.0299	Female
Animal/Livestock Husbandry and Production.	01.0302	Female
Ornamental Horticulture.	01.0603	Female
Greenhouse Operations and Management.	01.0604	Female
Landscaping and Groundskeeping.	01.0605	Female
Animal Sciences, General.	01.0901	Female
Horticultural Science.	01.1103	Female
Natural Resources/Conservation, General.	03.0101	Female
Environmental Studies.	03.0103	Female
Wildlife, Fish and Wildlands Science and Management.	03.0601	Female
Architecture.	04.0201	Female
Environmental Design/Architecture.	04.0401	Female
Radio and Television Broadcasting Technology/Technician.	10.0202	Female
Recording Arts Technology/Technician.	10.0203	Female
Computer Programming/Programmer, General.	11.0201	Female
Data Entry/Microcomputer Applications, General.	11.0601	Male
Word Processing.	11.0602	Male
Computer Systems Networking and Telecommunications.	11.0901	Female
System, Networking, and LAN/WAN Management/Manager.	11.1002	Female
Computer and Information Systems Security/Information Assurance.	11.1003	Female
Cosmetology/Cosmetologist, General.	12.0401	Male
Cooking and Related Culinary Arts, General.	12.0500	Female
Culinary Arts/Chef Training.	12.0503	Female
Elementary Education and Teaching.	13.1202	Male
Kindergarten/Preschool Education and Teaching.	13.1209	Male
Early Childhood Education and Teaching.	13.1210	Male
Engineering, General.	14.0101	Female
Aerospace, Aeronautical and Astronautical/Space Engineering.	14.0201	Female
Architectural Engineering.	14.0401	Female
Civil Engineering, General.	14.0801	Female
Mechanical Engineering.	14.1901	Female
Electrical, Electronic and Communications Engineering Technology/Technician.	15.0303	Female
Instrumentation Technology/Technician.	15.0404	Female

Solar Energy Technology/Technician.	15.0505	Female
Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.	15.0506	Female
Environmental Engineering Technology/Environmental Technology.	15.0507	Female
Hazardous Materials Management and Waste Technology/Technician.	15.0508	Female
Environmental Control Technologies/Technicians, Other.	15.0599	Female
Occupational Safety and Health Technology/Technician.	15.0701	Female
Hazardous Materials Information Systems Technology/Technician.	15.0704	Female
Mechanical Engineering/Mechanical Technology/Technician.	15.0805	Female
Engineering-Related Technologies, Other.	15.1199	Female
Computer Technology/Computer Systems Technology.	15.1202	Female
Computer Software Technology/Technician.	15.1204	Female
Drafting and Design Technology/Technician, General.	15.1301	Female
CAD/CADD Drafting and/or Design Technology/Technician.	15.1302	Female
Architectural Drafting and Architectural CAD/CADD.	15.1303	Female
Mechanical Drafting and Mechanical Drafting CAD/CADD.	15.1306	Female
Corrections.	43.0102	Female
Criminal Justice/Law Enforcement Administration.	43.0103	Female
Forensic Science and Technology.	43.0106	Female
Corrections and Criminal Justice, Other.	43.0199	Female
Fire Prevention and Safety Technology/Technician.	43.0201	Female
Homeland Security, Other.	43.0399	Male
Geography.	45.0701	Female
Construction Trades, General.	46.0000	Female
Mason/Masonry.	46.0101	Female
Carpentry/Carpenter.	46.0201	Female
Electrician.	46.0302	Female
Building/Property Maintenance.	46.0401	Female
Building/Home/Construction Inspection/Inspector.	46.0403	Female
Drywall Installation/Drywaller.	46.0404	Female
Glazier.	46.0406	Female
Painting/Painter and Wall Coverer.	46.0408	Female
Roofer.	46.0410	Female
Building/Construction Finishing, Management, and Inspection, Other.	46.0499	Female
Pipefitting/Pipefitter and Sprinkler Fitter.	46.0502	Female
Construction Trades, Other.	46.9999	Female
Electrical/Electronics Equipment Installation and Repair, General.	47.0101	Female
Industrial Electronics Technology/Technician.	47.0105	Female
Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician.	47.0201	Female
Heavy Equipment Maintenance Technology/Technician.	47.0302	Female
Industrial Mechanics and Maintenance Technology.	47.0303	Female
Vehicle Maintenance and Repair Technologies, General.	47.0600	Female
Autobody/Collision and Repair Technology/Technician.	47.0603	Female
Automobile/Automotive Mechanics Technology/Technician.	47.0604	Female
Diesel Mechanics Technology/Technician.	47.0605	Female
Small Engine Mechanics and Repair Technology/Technician.	47.0606	Female
Airframe Mechanics and Aircraft Maintenance Technology/Technician.	47.0607	Female

Aircraft Powerplant Technology/Technician.	47.0608	Female
Mechanic and Repair Technologies/Technicians, Other.	47.9999	Female
Machine Tool Technology/Machinist.	48.0501	Female
Sheet Metal Technology/Sheetworking.	48.0506	Female
Welding Technology/Welder.	48.0508	Female
Ironworking/Ironworker.	48.0509	Female
Furniture Design and Manufacturing.	48.0702	Female
Aeronautics/Aviation/Aerospace Science and Technology, General.	49.0101	Female
Technical Theatre/Theatre Design and Technology.	50.0502	Female
Health Services/Allied Health/Health Sciences, General.	51.0000	Male
Dental Assisting/Assistant.	51.0601	Male
Dental Hygiene/Hygienist.	51.0602	Male
Medical Office Management/Administration.	51.0705	Male
Health Information/Medical Records Technology/Technician.	51.0707	Male
Medical Transcription/Transcriptionist.	51.0708	Male
Medical Office Assistant/Specialist.	51.0710	Male
Health and Medical Administrative Services, Other.	51.0799	Male
Medical/Clinical Assistant.	51.0801	Male
Pharmacy Technician/Assistant.	51.0805	Male
Physical Therapy Technician/Assistant.	51.0806	Male
Emergency Medical Technology/Technician (EMT Paramedic).	51.0904	Male
Respiratory Care Therapy/Therapist.	51.0908	Male
Allied Health Diagnostic, Intervention, Treatment Professions, Other.	51.0999	Male
Blood Bank Technology Specialist.	51.1001	Male
Clinical/Medical Laboratory Technician.	51.1004	Male
Clinical Laboratory Science/Medical Technology/Technologist.	51.1005	Male
Substance Abuse/Addiction Counseling.	51.1501	Male
Psychiatric/Mental Health Services Technician.	51.1502	Male
Community Health and Preventive Medicine.	51.2208	Male
Registered Nursing/Registered Nurse.	51.3801	Male
Maternal/Child Health and Neonatal Nurse/Nursing.	51.3806	Male
Perioperative/Operating Room and Surgical Nurse/Nursing.	51.3812	Male
Clinical Nurse Specialist.	51.3813	Male
Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other.	51.3899	Male
Licensed Practical/Vocational Nurse Training.	51.3901	Male
Business Administration and Management, General.	52.0201	Female
Accounting.	52.0301	Male
Accounting Technology/Technician and Bookkeeping.	52.0302	Male
Accounting and Related Services, Other.	52.0399	Male
Administrative Assistant and Secretarial Science, General.	52.0401	Male
Business/Office Automation/Technology/Data Entry.	52.0407	Male
Business/Corporate Communications.	52.0501	Female
Finance, General.	52.0801	Male
Labor and Industrial Relations.	52.1002	Female

Data source: [www.napequity.org](http://www.napequity.org)

## Resources

- **Cracking the Code on STEM – A People Strategy for Nevada’s Economy**  
*By Jessica A. Lee, Mark Muro, Jonathon Rothwell, Scott Andes, and Siddharth Kulkarni*  
*Brooking Metropolitan Policy Program / Brookings Mountain West / 2014*  
<http://www.brookings.edu/research/reports/2014/11/12-nevada-stem-economy>
- **The Hidden STEM Economy**  
*By Jonathon Rothwell, Brooking Metropolitan Policy Program / 2013*  
<http://www.brookings.edu/research/reports/2013/06/10-stem-economy-rothwell>
- **Disparities in STEM Employment by Sex, Race, and Hispanic Origin**  
*By Liana Christin Landivar, American Community Survey Reports, U.S. Department of Commerce, 201,* <http://www.census.gov/prod/2013pubs/acs-24.pdf>